Today's Topics:
                        Astro Comm Labs Radio ?
                         Mac vs. IBM: IBM wins
                         Mods to Kenwood 520SE
                      rec.ham-radio is out of control
                                  Static
                          Telephone Interference
                          Wanted ROTOR and AMP.
                           WEFAX 105 Uploaded!!

Date: 11 Dec 89 06:11:00 GMT
From: portal!cup.portal.com!hwh@uunet.uu.net (Harold W Hankins)
Subject: Astro Comm Labs Radio ?
Message-ID: <24904@cup.portal.com>

A friend has a model SR201 VHF receiver and FC201 Frequency converter
manufactured by a company called "Astro Communications Laboratory".
We can't seem to locate an address or phone number for the company.
Can anyone supply the address/phone number ?   We want to get the
manuals for the equipment.

     Thanks - Hank   hwh@cup.portal.com

Date: Mon, 11 Dec 89 13:44:53 EST
From: "Gary F. Kendall" <KENDALLG@VTVM1.CC.VT.EDU>
Subject: Mac vs. IBM: IBM wins

THANKS MUCH for all the very helpful responses I received in making my
decision on which system to get. I have to say if I really had the extra
$$$ I'd probably go ballistic and buy a Mac. However... being practical
made me decide to go for building my own IBM-clone machine.

I've got a nice copy of 'Computer Shopper' (Dec. 89) now to read through;
if anyone would like to offer good/bad suggestions on suppliers for 'build-
your-own' systems I'd really appreciate it. A couple of specific questions
I have so far are: 1) XT vs. AT vs. 286/386 - which is best?
                    2) 5.25 inch floppy drive - 360K, 720K or 1.2M?
                       (Are there any drives than can handle > 1 format? I'd
                        like some flexibility for being able to trade software
                        with other people/systems; I already plan to install
                        a 3.5 inch drive as well)
                    3) Operating System - I know MS-DOS is the 'standard';

what about Unix?

I realize this is really a Ham mailing list, but since I'm hoping to evenutally
get seriously into packet (among other things in ham radio) I'd be grateful for
input from those of you who already have such systems up and running. For
example, is it possible to have a TNC setup running 'background' while doing
something else with the PC, like playing Adventure? :-)

Thanks again in advance... '73...

--gary
Acknowledge-To: <KENDALLG@VTVM1>

Date: Mon, 11 Dec 89 11:43:47 CST
From: anderson@ngstl1.csc.ti.com
Subject: Mods to Kenwood 520SE
Message-ID: <8912111751.AA29333@ti.com>

I am interested in knowing if thre are any known modifications to the old
Kenwood 520SE HF tranceiver. Any other information about the rig would be
helpful.

I just got a ham license and bought this as my first rig.

I have used it to make nearly 100 contacts so far, and I think I know what
there is to know about it, but others may have additional information than
isn't in the manuals.

I am particularly interested in knowing if there is any way to modify
it to work on the WARC bands.

I have the speaker and external VFO for it, but don't have the digital display.
If anyone is interested in letting one go, let me know.

Thanks

John Anderson N5OPY

Date: 11 Dec 89 14:56:35 GMT
From: msmith@topaz.rutgers.edu (Mark Robert Smith)
Subject: rec.ham-radio is out of control
Message-ID: <Dec.11.09.56.33.1989.12326@topaz.rutgers.edu>

The charter of rec.radio.shortwave specifically INCLUDES monitoring,

on all bands. Unlike the elitist asses on rec.ham-radio, the founders
of rec.radio.shortwave (and the voters) decided to include ANYTHING
remotely close to monitoring shortwave radio. This includes to a
certain extent longwave, mediumwave, and VHF and UHF, including TV if
necessary.

The problem we seem to have with the group is lack of connectivity in
places. Bill Parnass has been unable to use the group because the ATT
machines haven't created the group. This is also true of many others.

Those who would like to access rec.radio.shortwave, but aren't on
UseNet, may join the companion mailing list: SWL-L. To join, send a
one-line message consisting of:
SUB SWL-L Your Name

to the address listserv%cuvma@cuvmb.cc.columbia.edu, or
listserv@cuvmb.bitnet.

I for one would be happy to stop reading about Pizza, Out-of-band
mods, and 14313, but I still read rec.ham-radio to catch the SWL posts
from those who haven't been able to switch yet.
I do not post SWL info to this group.

Mark
p.s. For those who are curious, the callsign below is a Registered
Monitor Station ID.
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Date: 11 Dec 89 16:41:27 GMT
From: zaphod.mps.ohio-state.edu!uwm.edu!dogie.macc.wisc.edu!
vms.macc.wisc.edu@tut.cis.ohio-state.edu (Brad Kleemann)
Subject: Static
Message-ID: <2807@dogie.macc.wisc.edu>

In article <8912062116.AA00734@ti.com>, dube@cpdvax.csc.ti.com (DUBE TODD)
writes...

>Steve Bertsch asked "Why are random noise pulses called static?"
>How about: It's the sound it made in those old headsets :) :)
>
>73s
>

>Dube Todd
My guess is that it is (sometimes) caused by static electricity
or lightning (the ultimate in static electricity).
--Brad
+---+
|Brad Kleemann (kleemann@macc.wisc.edu) | WB9WHI |
|Madison Academic Computing Center | Badger Amateur Radio Society (W9YT) |
+---+

Date: 11 Dec 89 17:45:30 GMT
From: sumax!amc-gw!richm@beaver.cs.washington.edu   (Rich Moran)
Subject: Telephone Interference
Message-ID: <1057@amc-gw.amc.com>

In article <5609@ncar.ucar.edu> elmore@stout.UCAR.EDU (Kim Elmore, N5OP) writes:
>   I use a standard filter that I saw in a Tab book on interference who's
>title and author escapes me. He suggested a 680 uH choke in the tip and ring
>lines terminated with a 0.01 uF capacitor, like this:
>
>   680 uH
>   --------mmm-----|-- tip
> |
>   = 0.01 uF
> |
>   --------mmm-----|-- ring
>   680 uH
>
>   1 mH chokes would work, but all the ones I could find were too big to
>fit inside the phone. The capacitor should be rated for *at least* 100 V and
>150 would be better. I've used 100 V monoblock capacitors and they haven't
>quit yet, but I'm told that the ring signal is 90 V RMS, so I'm pushing my >luck.

I've used this same circuit very successfully on the line inputs to telephones.
It always seems to work.

The caps used across the tip/ring line, however, need to be rated for at least
250V. The ringing voltage can be 120V RMS or higher (90V RMS is typical), which
yields a 170V peak. This is superimposed on a nominal -48VDC battery voltage,
which can be as high as -56VDC. All this adds up to more than 225V peaks during
ringing.

The FCC requires, in fact, that telephone input protection devices can't kick
in below 250V to avoid clipping peaks during ring.

73,
Rich   KZ9K

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Rich Moran
richm@amc.com
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Date: Mon, 11 Dec 89 11:50:16 CST
From: anderson@ngstl1.csc.ti.com
Subject: Wanted ROTOR and AMP.
Message-ID: <8912111803.AA29505@ti.com>

I am looking for a used light weight rotor to use with the small TEN-3 10 meter
mono-bander.

I also am looking for a good used linear amplifier for a missionary friend in
New Guinea(P29MR).  She doesn't seem to be able to get out too well, but can]
here me fine.  It needs to be fairly inexpensive. Perhaps someone needs a tax
write off.  It could be arranged.

Thanks

John Anderson N5OPY

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Date: 11 Dec 89 10:46:38 GMT
From: unsvax!arrakis.nevada.edu!storkus@uunet.uu.net   (Mike Storke (N7MSD))
Subject: WEFAX 105 Uploaded!!
Message-ID: <1109@unsvax.NEVADA.EDU>

  I can't find any newsgroup called rec.swl or anything like that around here,
so I figured why not post it here (rec.ham-radio).  Sure is better than any of
the threads we have now!!
  Many people have been asking about the WEFAX 105 program.  This program does
it all.  It allows you to receive faxes from any radio right through the CoCo's
own cassette port (I'm sure most of you know what a Color Computer is, right?).
NO interfaces are required!!
  So what do you need and where can you get this?  First, you need ANY version
of Color Computer with 1 disk drive.  Then you need a cable to connect your
radio's earphone jack to the audio input of the CoCo's cassette port.  And of
course, a TV.  THAT IS IT!!
  As for the program, it has been uploaded to the listserver at Princeton U.
To get you started, send the following mail message to:
listserv@pucc.princeton.edu
help (note all of these are on one line. THEY MUST BE THIS WAY)
get coco filelist (this is where you'll find WEFAX 105)
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get os9 filelist (other great stuff for OS9)

   Hope this helps some to the many who have been asking (or begging :) for this
program. 73's (best wishes for the non-hams),
****
*Mike P. Storke, N7MSD INET Address: storkus@arrakis.nevada.edu   *
SnailMail Address: P.O. Box 6 Minden, NV 89423 "I WANT MY C!!!!!!!!!!!!!!!!!!"
*Packet Address: N7MSD@WA6RDH "Pascal: The Handcuff of the programmer. :-{   *
DISCLAIMERS??? Why, when "I think what I say and I say what I think!"-From a
*NOTICE: Due to Christmas Vacation here at UNLV, I won't*character in Freddy's*
*be able to answer anything directed to me from the INET*Nightmares, episode: *
from the night of December 14th to mid January. SORRY!"Silence is Golden" *
*This has got to be the most compact sig file in history*A Wholesome TV show *
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End of INFO-HAMS Digest V89 Issue #1003
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